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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/523,427	01/28/2005	Yoshimi Enomoto	JP020017	1175
24737 7590 09/11/2008 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510				
EXAMINER				
KHAN, ASHER R				
ART UNIT		PAPER NUMBER		
2621				
MAIL DATE		DELIVERY MODE		
09/11/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/523,427

**Applicant(s)**

ENOMOTO, YOSHIMI

**Examiner**

ASHER KHAN

**Art Unit**

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 January 2005.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-3 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 28 January 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/5508)  
Paper No(s)/Mail Date 3/6/2006  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,204,887 B1 to Hiroi in view of U.S. Patent 5,343,250 to Iwamura and in further view of U.S. Patent 5,049,991 to Nihara.**

As to claims 1 and 3, Hiroi disclose a decoding device comprising:  
resource assigning means for assigning a resource of decoding processing on the basis of display size information of at least two pictures to be displayed on a screen (Abstract; Fig. 3A; Col. 2, lines 34-67, Col. 3 lines 1-13) ;  
scaling means (Fig. 1, 116) for scaling said movement compensation / interframe predictive decoded signal to display said picture on the screen (Col. 5, lines 31-49).

Hiroi does not expressly disclose inverse discrete cosine transforming means for inverse discrete cosine transforming an MPEG coded signal per said picture with resource assigned in said resource assigning means;  
movement compensation / interframe predictive decoding means for movement compensation / interframe predictive decoding said inverse discrete cosine transformed signal per said picture with resource assigned in said resource assigning means; and

scaling means for scaling said movement compensation / interframe predictive decoded signal to display said picture on the screen.

Iwamura discloses inverse discrete cosine transforming means (Fig. 20, 65) for inverse discrete cosine transforming an MPEG coded signal per said picture with resource assigned in said resource assigning means (Fig. 20; Col. 1, lines 13-16; Col. 2, lines 66-67, Col. 3 line 1-14);

At the time of invention, it would have been obvious to a person of ordinary skill in the art to combine Hiroi with the teachings of Iwamura. Rationale to combine would have been that all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and combination would have yielded predictable results to one of ordinary skill in the art at the time of the invention.

Nihara discloses movement compensation / interframe predictive decoding means for movement compensation / interframe predictive decoding said inverse discrete cosine transformed signal per said picture with resource assigned in said resource assigning means (Fig. 6; Col. 2, lines 65-67, Col. 3 lines 1-4; Col. 3, lines 34-55);

At the time of invention, it would have been obvious to a person of ordinary skill in the art to combine Hiroi as modified with the teachings of Nihara. Rationale to combine would have been that all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and combination would have yielded

predictable results to one of ordinary skill in the art at the time of the invention.

As to claim 2, Hiroi as modified as discussed in claim 1 above discloses digital broadcast receiving apparatus having a decoding device according to claim 1 (Fig. 1; Col. 3, lines 32-48).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ASHER KHAN whose telephone number is (571)270-5203. The examiner can normally be reached on 9:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on (571)272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. K./

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Examiner, Art Unit 2621

/Thai Tran/

Supervisory Patent Examiner, Art Unit 2621